

DATE OF PREP: 1/27/88

IPL # 20011

SECTION I

MANUFACTURERS NAME:

SIKKENS AEROSPACE FINISHES

DIVISION OF AKZO COATINGS AMERICA INC.

STREET ADDRESS:

20846 S. NORMANDIE AVE

TORRANCE, CA 90502

EMERGENCY TELEPHONE NO.:

(213) 320-6800

MANUFACTURERS CODE IDENTIFICATION:

463120008

TRADE NAME:

FLUID RESISTANT SPRAY PRIME

Use with Catalyst CA 116

SECTION II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS:	C.A.S. NO.	* PCT *	* BY WT *	* TLV *		* PEL *		* VAPOR *	
				* FPM	MG/M3 *	* PPM	MG/M3 *	* PRESS	
BUTYL ACETATE	123-86-4	* 5-20*		* 150.00	710.00*	150.00	710.00*	8.0	
ESTER SOLVENT		* *		* *					
N-BUTYL ALCOHOL	71-36-3	* <5*	SKIN	* 50.00	150.00*	100.00	300.00*	4.4	
N-BUTANOL		* *		* *					
CALCIUM CHROMATE	13765-19-0	* 5-20*		* ———	.05*	———	.50*	NA	
OXIDEX OF CA AND CR		* *		* *					
LEAD CHROMATE	7758-97-6	* <5*		* ———	.05*	———	———*	NA	
CHROME YELLOW		* *		* *					
METHYL ETHYL KETONE	78-93-3	* 15-30*		* 200.00	590.00*	200.00	590.00*	70.0	
MEK		* *		* *					
METHYL ISOBUTYL KETONE	108-10-1	* 5-20*		* 50.00	205.00*	100.00	410.00*	16.0	
MIBK		* *		* *					
SILICEOUS MUSCOVITE MICA	12001-25-2	* 5-20*		* ———	3.50*	———	———*	NA	
MICA		* *		* *					
TOLUENE	108-88-3	* <5*		* 100.00	375.00*	200.00	———*	22.0	
TOLUOL		* *		* *					
TITANIUM DIOXIDE	13463-67-7	* <5*		* ———	5.00*	———	15.00*	NA	
TALC	14807-96-6	* 10-25*		* ———	2.00*	———	———*	NA	
HYDROUS MAGNESIUM SILICATE		* *		* *					
XYLENE	1330-20-7	* 5-20*		* 100.00	435.00*	100.00	435.00*	9.5	
XYLOL		* *		* *					

SECTION III - PHYSICAL DATA

BOILING RANGE:

175 - 284 DEG. F

VAPOR DENSITY VS. AIR:

HEAVIER THAN AIR

EVAPORATION RATE VS. ETHER:

LOWER

PERCENT VOLATILE BY VOLUME:

78.2

WEIGHT PER GALLON:

10.26 LBS.

MATERIAL SAFETY DATA SHEET

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

CATEGORY:
PAINT,
FLAMMABLE LIQUID, UN-1263

FLASH POINT:
23F TCC

LEL: 1.0

OSHA CLASSIFICATION:
FLAMMABLE LIQUID - CLASS IB

EXTINGUISHING MEDIA:
FOAM, CARBON DIOXIDE, DRY CHEMICALS

UNUSUAL FIRE AND EXPLOSION HAZARDS:
KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE FROM HEAT, ELECTRICAL EQUIPMENT, SPARKS
AND OPEN FLAME. CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT.
APPLICATION TO HOT SURFACES REQUIRES SPECIAL PRECAUTIONS.

SPECIAL FIRE FIGHTING PROCEDURES:
WATER MAY BE INEFFECTIVE. WATER SHOULD BE USED TO COOL CONTAINERS EXPOSED TO
FIRE. FIRE FIGHTING PERSONNEL SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS.

SECTION V - REACTIVITY DATA

STABILITY:
STABLE.

INCOMPATIBILITY (MATERIALS TO AVOID):
NONE REASONABLY FORESEEABLE.

HAZARDOUS DECOMPOSITION PRODUCTS:
CARBON MONOXIDE, CARBON DIOXIDE, SMOKE, OXIDES OF NITROGEN.

HAZARDOUS POLYMERIZATION:
WILL NOT OCCUR

CONDITIONS TO AVOID:
NOT APPLICABLE

SECTION VI - HEALTH HAZARD DATA

RESHOLD LIMIT VALUE: SEE SECTION II.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: MOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF NECESSARY.

SKIN CONTACT: WASH WITH SOAP & WATER.

EYE CONTACT: FLUSH WITH WATER FOR AT LEAST 15 MINUTES, CONSULT A PHYSICIAN.

INGESTION: DRINK ONE OR TWO GLASSES OF WATER TO DILUTE. DO NOT INDUCE VOMITING.

CONSULT PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. TREAT SYMPTOMATICALLY.

MEDICAL CONDITIONS PRONE TO AGGRAVATION: NONE EXPECTED

THE FOLLOWING HAZARDS HAVE BEEN REPORTED TO BE ASSOCIATED WITH THE INDIVIDUAL COMPONENTS OF THIS PRODUCT. THESE HAZARDS MAY NOT ALL BE ASSOCIATED WITH THE FINISHED PRODUCT.

ACUTE:

EXCESSIVE INHALATION OF VAPORS CAN CAUSE NASAL AND RESPIRATORY IRRITATION, DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE, POSSIBLE UNCONSCIOUSNESS, AND EVEN ASPHYXIATION.

EYE CONTACT MAY CAUSE SEVERE IRRITATION, REDNESS, TEARING, BLURRED VISION, AND A SENSATION OF SEEING HALOS AROUND LIGHTS.

PROLONGED CONTACT WITH THE SKIN MAY LEAD TO EXTRACTION OF NATURAL OILS WITH RESULTANT MILD IRRITATION.

IF SWALLOWED, CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, AND DIARRHEA. ASPIRATION OF MATERIAL INTO THE LUNGS CAN CAUSE CHEMICAL PNEUMONITIS WHICH CAN BE FATAL.

EYE IRRITANT, CONTACT MAY CAUSE EYE BURNS OR CORNEAL INJURY.

SWALLOWING CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, AND DIARRHEA.

INGESTION MAY CAUSE GASTROINTESTINAL IRRITATION, VOMITING, AND DEPRESSION.

PROLONGED INHALATION OF DUST MAY RESULT IN SHORTNESS OF BREATH.

THE DUST FROM LEAD CHROMATE PIGMENTS IS HAZARDOUS.

DRY PIGMENT MAY CAUSE A NUISANCE DUST, WHICH CAN BE IRRITATING TO RESPIRATORY SYSTEM.

NOTICE: INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL. REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE.

CHRONIC:

OVEREXPOSURE HAS BEEN SUGGESTED AS THE CAUSE FOR EYE DAMAGE IN HUMANS.

AGGIH HAS RECOMMENDED THAT COMPOUNDS CONTAINING INSOLUBLE CHROMIUM BE HANDLED AS A POTENTIAL HUMAN CARCINOGEN BASED ON LABORATORY STUDIES.

CALCIUM CHROMATE IS LISTED BY I.A.R.C. AND N.T.P. AS A HUMAN CARCINOGEN

INGESTION OF LEAD CHROMATE PIGMENTS MAY CAUSE LEAD POISONING.

THE OSHA LEAD STANDARD REPORTS THAT LEAD MAY IMPAIR THE REPRODUCTIVE SYSTEM IN BOTH MEN AND WOMEN, AND MAY ALSO BE FETOTOXIC.

OVEREXPOSURE MAY CAUSE RED BLOOD CELL DISORDERS WHICH MAY RESULT IN AN ANEMIC CONDITION.

CHRONIC EXPOSURE MAY CAUSE LIVER AND KIDNEY DAMAGE.

PROLONGED EXPOSURE TO DUST MAY LEAD TO RESPIRATORY PROBLEMS.

HEALTH STUDIES HAVE SHOWN THAT MANY PETROLEUM HYDROCARBONS POSE POTENTIAL HUMAN

HEALTH RISKS WHICH MAY VARY FROM PERSON TO PERSON. AS A PRECAUTION, EXPOSURE TO LIQUIDS AND VAPORS OF PETROLEUM PRODUCTS SHOULD BE MINIMIZED.

OVEREXPOSURE TO MATERIAL HAS BEEN SUGGESTED AS A CAUSE OF THE FOLLOWING EFFECTS IN HUMANS: LIVER ABNORMALITIES.

OVEREXPOSURE TO MATERIAL HAS BEEN SUGGESTED AS A CAUSE OF THE FOLLOWING EFFECTS IN HUMANS: CARDIAC ABNORMALITIES.

MATERIAL SAFETY DATA SHEET

SECTION VI - HEALTH HAZARD DATA

OVEREXPOSURE MAY CAUSE RED BLOOD CELL AND LEUCOCYTE DISORDERS WHICH MAY RESULT IN AN ANEMIC CONDITION.

MATERIAL SAFETY DATA SHEET

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

REFER TO PROTECTIVE MEASURES LISTED IN SECTIONS IV., V., VI., VIII. AND IX.
REMOVE ALL SOURCES OF IGNITION. AVOID BREATHING VAPORS. VENTILATE AREA. REMOVE
WITH INERT ABSORBENT.

WASTE DISPOSAL METHOD:

INCINERATE IN AN APPROVED FACILITY. DO NOT INCINERATE CLOSED CONTAINERS. DISPOSE
OF IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL POLLUTION CONTROL REQUIREMENTS.

SECTION VIII - SAFE HANDLING & USE INFORMATION

RESPIRATORY PROTECTION:

ADEQUATE VENTILATION IS REQUIRED. USE NIOSH/MSHA APPROVED RESPIRATOR DEVICE.
SEE YOUR SAFETY EQUIPMENT SUPPLIER FOR EVALUATION AND RECOMMENDATION.
IN CONFINED AREAS USE NIOSH/MSHA APPROVED AIRLINE RESPIRATOR OR HOOD.

VENTILATION:

PROVIDE SUFFICIENT VENTILATION TO KEEP VAPOR CONCENTRATION BELOW THE GIVEN TLV
AND LEL. FOR BAKING FINISHES, EXHAUST VAPORS EMITTED ON HEATING. REMOVE
DECOMPOSITION PRODUCTS FORMED DURING WELDING OR FLAME CUTTING OF SURFACES COATED
WITH THIS PRODUCT.

PROTECTIVE GLOVES:

REQUIRED FOR PROLONGED OR REPEATED CONTACT. REFER TO SAFETY EQUIPMENT SUPPLIER
FOR EFFECTIVE GLOVE RECOMMENDATION.

EYE PROTECTION:

USE SAFETY EYEWEAR DESIGNED TO PROTECT AGAINST SPLASH OF LIQUIDS.

OTHER PROTECTIVE EQUIPMENT:

EYE BATH AND SHOWER SHOULD BE AVAILABLE. USE CHEMICAL RESISTANT APRON, BOOTS OR
OTHER CLOTHING IF NEEDED TO AVOID REPEATED OR FREQUENT SKIN CONTACT. LIQUID MAY
PENETRATE SHOES AND LEATHER CAUSING DELAYED IRRITATION.

HYGIENIC PRACTICES:

WASH HANDS BEFORE EATING, SMOKING OR USING WASHROOM

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

KEEP AWAY FROM HEAT, SPARKS, AND OPEN FLAMES. CLOSE CONTAINERS AFTER EACH USE.
CONSULT NFPA CODE FOR ADDITIONAL STORAGE REQUIREMENTS.

OTHER PRECAUTIONS:

DO NOT TAKE INTERNALLY. USE APPROVED BONDING AND GROUNDING PROCEDURES. OBSERVE
LABEL PRECAUTIONS. CONTAINS CHROMATE PIGMENTS. IF SUBJECT TO SPRAY APPLICATION,
ENGINEERING AND ADMINISTRATIVE CONTROLS MUST BE INSTITUTED TO MAINTAIN AN
EXPOSURE LEVEL BELOW 0.05 MG/M3. IF THESE CONTROLS ARE NOT ADEQUATE, THE USE OF
A RESPIRATOR IS RECOMMENDED.

APPROVED BY RAW MATERIAL & FORMULA INFORMATION DEPARTMENT

NAME: 

DATE: 9/02/87

FORMULA DATE 9/17/87

THIS INFORMATION IS FURNISHED WITHOUT WARRANTY, EXPRESSED OR IMPLIED, EXCEPT THAT IT IS ACCURATE
TO THE BEST KNOWLEDGE OF AKZO COATINGS AMERICA. THE DATA ON THIS SHEET RELIES ONLY TO THE
SPECIFIC MATERIAL DESIGNATED HEREIN. AKZO COATINGS AMERICA ASSUMES NO LEGAL RESPONSIBILITY FOR
USE OR RELIANCE UPON THIS DATA.